

5/25/03

=> s expression (w) vector#

L1 34130 EXPRESSION (W) VECTOR#

=> s hbegf or (heparin binding epidermal growth factor like growth factor)

L2 558 HBEGF OR (HEPARIN BINDING EPIDERMAL GROWTH FACTOR LIKE GROWTH FACTOR)

=> s l1 (5a) l2

L3 1 L1 (5A) L2

=> d l3

L3 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS

AN 1998:618357 CAPLUS

DN 129:255536

TI A heparin-binding mitogen with sequence similarity to epidermal growth factor for therapeutic uses

IN Klagsbrun, Michael; Abraham, Judith A.; Higashiyama, Shigeki; Besner, Gail E.

PA The Childrens Medical Center Corp., USA; Scios Nova, Inc.

SO U.S., 25 pp., Cont.-in-part of U.S. Ser. No. 598,082, abandoned.  
CODEN: USXXAM

DT Patent

LA English

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5811393	A	19980922	US 1993-39364	19930615
	WO 9206705	A1	19920430	WO 1991-US7691	19911016
	W: AU, CA, JP, US				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LU, NL, SE				
	US 6235884	B1	20010522	US 1998-158710	19980922
PRAI	US 1990-598082	B2	19901016		
	WO 1991-US7691	W	19911016		
	US 1993-39364	A3	19930615		

RE.CNT 25 THERE ARE 25 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d kwic

L3 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS

IT Plasmid vectors

(pAX-HBEGF, animal cell **expression vector**  
for cDNA for mitogen HB-EHM; heparin-binding mitogen with sequence  
similarity to epidermal growth factor for therapeutic uses)

IT Plasmid vectors

(pMTN-HBEGF, animal cell **expression vector**  
for cDNA for mitogen HB-EHM on; heparin-binding mitogen with sequence  
similarity to epidermal growth factor for therapeutic uses)

=> s l1 an dl2

MISSING OPERATOR L1 AN

The search profile that was entered contains terms or  
nested terms that are not separated by a logical operator.

=> s l1 and l2

L4 4 L1 AND L2

=> s l4 and gfp

L5. 0 L4 AND GFP

=> d l4 1-4

L4 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2003 ACS

AN 2001:360179 CAPLUS

DN 134:361341

TI Reporter gene systems for screening for regulators of interleukin  
4-induced immunoglobulin E synthesis

IN Kinsella, Todd M.

PA Rigel Pharmaceuticals, Inc., USA

SO PCT Int. Appl., 80 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001034806	A2	20010517	WO 2000-US31232	20001113
	WO 2001034806	A3	20011129		
	WO 2001034806	C2	20020704		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
EP	1261705	A2	20021204	EP 2000-993043	20001113
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR			
JP	2003513670	T2	20030415	JP 2001-537502	20001113
PRAI	US 1999-165189P	P	19991112		
	WO 2000-US31232	W	20001113		

L4 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2003 ACS

AN 1998:618357 CAPLUS

DN 129:255536

TI A heparin-binding mitogen with sequence similarity to epidermal growth  
factor for therapeutic uses

IN Klagsbrun, Michael; Abraham, Judith A.; Higashiyama, Shigeki; Besner, Gail  
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PA The Childrens Medical Center Corp., USA; Scios Nova, Inc.

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CODEN: USXXAM

DT Patent

LA English

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5811393	A	19980922	US 1993-39364	19930615
	WO 9206705	A1	19920430	WO 1991-US7691	19911016
	W:	AU, CA, JP, US			
	RW:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LU, NL, SE			
	US 6235884	B1	20010522	US 1998-158710	19980922
PRAI	US-1990-598082	B2	19901016		
	WO 1991-US7691	W	19911016		
	US 1993-39364	A3	19930615		

RE.CNT 25 THERE ARE 25 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2003 ACS  
 AN 1997:276604 CAPLUS  
 DN 126:328885  
 TI Rapid phosphorylation of Ets-2 accompanies mitogen-activated protein kinase activation and the induction of heparin-binding epidermal growth factor gene expression by oncogenic Raf-1  
 AU McCarthy, Sean A.; Chen, Dan; Yang, Beom-Seok; Garcia Ramirez, Jose J.; Cherwinski, Holly; Chen, Xiao-Rong; Klagsbrun, Michael; Hauser, Craig A.; Ostrowski, Michael C.; McMahon, Martin  
 CS Department Cell Signaling, DNAX Research Institute, Palo Alto, CA, 94304, USA  
 SO Molecular and Cellular Biology (1997), 17(5), 2401-2412  
 CODEN: MCEBD4; ISSN: 0270-7306  
 PB American Society for Microbiology  
 DT Journal  
 LA English

L4 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2003 ACS  
 AN 1997:44790 CAPLUS  
 DN 126:55952  
 TI Recombinant growth factor production as fusion protein and heregulin biological function including activation of HER4 receptor followed by SHC protein phosphorylation  
 IN Culouscou, Jean-Michel; Carlton, Gary W.; Aruffo, Alejandro A.  
 PA Bristol-Myers Squibb Company, USA  
 SO PCT Int. Appl., 46 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA English  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9636720	A1	19961121	WO 1996-US6861	19960514
	W: CA, JP, MX				
	RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	CA 2217020	AA	19961121	CA 1996-2217020	19960514
	EP 828843	A1	19980318	EP 1996-915791	19960514
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
	JP 11505124	T2	19990518	JP 1996-534976	19960514
PRAI	US 1995-441863		19950516		
	WO 1996-US6861		19960514		

=> d his

(FILE 'HOME' ENTERED AT 08:17:38 ON 05 MAY 2003)

FILE 'MEDLINE, CAPLUS' ENTERED AT 08:18:01 ON 05 MAY 2003

L1 34130 S EXPRESSION (W) VECTOR#  
 L2 558 S HBEGF OR (HEPARIN BINDING EPIDERMAL GROWTH FACTOR LIKE GROWTH  
 L3 1 S L1 (5A) L2  
 L4 4 S L1 AND L2  
 L5 0 S L4 AND GFP

L8 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS  
 AN 2001:360179 CAPLUS  
 DN 134:361341  
 TI Reporter gene systems for screening for regulators of interleukin  
 4-induced immunoglobulin E synthesis  
 IN Kinsella, Todd M.  
 PA Rigel Pharmaceuticals, Inc., USA  
 SO PCT Int. Appl., 80 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA English  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001034806	A2	20010517	WO 2000-US31232	20001113
	WO 2001034806	A3	20011129		
	WO 2001034806	C2	20020704		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
EP	1261705	A2	20021204	EP 2000-993043	20001113
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR			
JP	2003513670	T2	20030415	JP 2001-537502	20001113
PRAI	US 1999-165189P	P	19991112		
	WO 2000-US31232	W	20001113		